

Case Study – Tolworth Tower

Location: Surrey.

Total Contract Value: £102k

Year: 2010

Job type: VRV Installation – 3 Floors



CBAC Services Ltd were asked to provide a Heating & Cooling solution to 3 floors occupied by Close Premium Finance at the Tolworth Tower, the floors have original perimeter induction units installed but due to the expansion of services & staff and a rearrangement of cellular offices the units are unable to meet the required temperature demands.

A full feasibility study with report was completed and the decision was to supplement the original units with VRV heat pump systems positioned centrally on the main floors to aid the airflow and give a better-mixed temperature.

Problems encountered with this installation were due to a certain amount of the condensing units would need to be sited on the 21st Floor roof area, crainage on site had already been decided against due to underground car parks and general loading concerns, the doorway access to plant rooms and roof access were substantially smaller so the decision was made to strip the new condensing units down to small parts allowing for the units to be rebuilt in situ.

With the installations commissioned and up & running the difference the additional cooling has made is now noticeable when a floor is entered, cellular offices & meeting rooms now have cooling & heating on demand and no longer have to wait for a room to maintain a comfortable temperature on entering a meeting for example.

CBAC Services Ltd being a Daikin D1 preferred installer has provided a 5-year enhanced warranty to the installations, giving the client piece of mind the installations have been undertaken by highly qualified staff.